PTO/SB/01 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Attorney Docket Number HES 2002-IP-008866U1 **DECLARATION FOR UTILITY OR** First Named Inventor **DESIGN** Michael L. Connell

PATENT APPLICATION			COMPLETE IF KNOWN				
(37 CF	(37 CFR 1.63)			Number		-	
Declaration Submitted With Initial Declaration Submitted after Initial Filing (surcharge	Declarat	Declaration	Filing Date				· ·- ·
	ed after Initial	Art Unit					
Filing	(37 CFF	R 1.16 (e))	Examiner N	ame		 -	
	required	1)					
I hereby declare that:	I hereby declare that:						
Each inventor's residence, ma	iling address, a	nd citizenship are	as stated be	elow next to	their name.		
	I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:						
Method and Apparatus	For Position	oning A Down	hole Too				
							• .
		(Title of the	Invention				
the specification of which		(Thic of the	mivermony				
is attached hereto							
OR							
			7				
was filed on (MM/DD/Y	YYY) [as Unit	ed States Ap	oplication Nu	ımber or P	CT International
Application Number and was amended on (MM/DD/YYYY) (if applicable).							
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as							
amended by any amendment specifically referred to above.							
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application							
and the national or PCT intern	ational filing da	te of the continuati	ion-in-part a	pplication.			
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one							
country other than the United	States of Amer	ica, listed below ar	nd have als	o identified b	elow, by ch	ecking the	box, any foreign
application for patent, inventor before that of the application o			cate(s), or a	ny PCT inter	national app	olication ha	ving a filing date
Prior Foreign Application		Foreign Filing	g Date	Prio	rity	Certified (Copy Attached?
Number(s)	Country	(MM/DD/YY	<u>/YY)</u>	Not Cl	aimed ¬	Yes	No No
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				L	_		
				Γ			
I∏ Additional foreign applicat	ion numbers ar	e listed on a suppl	emental pri	ority data sh	eet PTO/SB	/02B attacl	ned hereto.

[Page 1 of 2]

[Page 1 of 2]
This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/01 (06-03)

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DECLARATION — Utility or Design Patent Application

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Address									
City				State					ZIP
Country		Telephone	•			Fax			
I hereby declare that all statem and belief are believed to be statements and the like so mad false statements may jeopardiz	true; and furt de are punishab	her that the	hese stat or impriso	ements onment	were or bo	made th, und	e with der 18 (the kno	wledge that willful false
NAME OF SOLE OR FIRST IN	VENTOR:		Пар	etition	has bee	en filed	d for thi	s unsian	ned inventor
Given Name (first and middle [if any]) Michael L.				F	Family Name or Surname Connell				
Inventor's Signature	alj.	<u> </u>	ال	_					Date 3-8-04
Residence: City	State			Coun	try			Citizer	nship
Duncan	OK			U.S.				U.S.	
Mailing Address 1315 West Cedar	:								
City	State				ZIP				Country
Duncan	ок				73533			1	U.S.
NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor									
Given Name (first and middle [if any]) Stephen E.				ог	Family Name or Surname _{Tilghman}				
Inventor's Signature	Siles								Date 4-3-04
Residence: City	State			Coun	try			Citizer	nship .
Marlow	ок			U.S.				U.S.	
Mailing Address Route 2, Box 349									
City	State				ZIP			Counti	ry
Marlow	ОК				73055			U.S.	
Additional inventors or a legal rep	oresentative are beir	ng named on t	thes	uppleme	ntal shee	et(s) PT0	D/SB/02A	or 02LR a	attached hereto.

PTO/SB/81 (09-03)
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POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Application Number	Simulation Simulation in Contract Harris	
Filing Date		
First Named Inventor	Michael L. Connell	
Title	Method and Apparatus For	
Art Unit		_
Examiner Name		
Attorney Docket Number	HES 2002-IP-008866U1	

I hereby appoint:			
Practitioners associated with the Customer Number:			
OR			
Practitioner(s) named below:			
Name		Registration N	lumber
see attached			
	_		
as my/our attorney(s) or agent(s) to prosecute the application identified abov Trademark Office connected therewith.	e, and to trans	act all business in	n the United States Patent and
Please recognize or change the correspondence address for the above-iden	tified application	on to:	
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	JCI.		
OR			
The address associated with Customer Number:			
OR			
Firm or Individual Name			
Address		· · · · · · · · · · · · · · · · · · ·	
Address			
City	State		Zip
Country			<u> </u>
Telephone	Fax		- <u></u>
I am the:			
Applicant/Inventor.			
Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)			
SIGNATURE of Applicant or A	Assignee of R	Record	
Name John W. Wustenberg			
Signature . W. W. W. William		T =	
Date A MAR OH		Telephone 58	30.251.3782
NOTE: Signatures of all the inventors or assignees of record of the entire interest or the forms if more than one signature is required, see below*.	ir representative	(s) are required. Sul	bmit multiple
*Total of forms are submitted.			

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application from to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Papararoli. Reduction Act of 1998, no po period CRAS control register.

DECLARATION

REGISTERED PRACTITIONER **INFORMATION** (Supplemental Sheet)

Nemo	Registration Number	Name	Registration Number
Halliburton Energy Services, Inc. Practitioners		McAfee & Taft Practitioners	
inc. Fractitioners	•	· ·	
William E. Shull	29,438	C. Clark Dougherty, Jr.	24,208
William M. Imwalle	35,904	Clifford C. Dougherty, III	31,607
Robert A. Kent	28,626	Neal R. Kennedy	31,383
Craig W. Roddy	36,256	Anthony L. Rahhal	37,562
John W. Wustenberg	35,415	William D. Hall	35,535
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IN, DC 88891.

Declaration - Registered Practitioner Information (Supplemental Sheet) (PTO/SB/02C)[1-1.4]

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STATEMEN	IT UNDER 37 CFR 3.73(b)
Applicant/Patent Owner: Michael L. Connell et al.	
Application No./Patent No.: unknown	Filed/Issue Date: _concurrently herewit
Entitled: Method and Apparatus For Positioning A Downh	nole Tool
Halliburton Energy Services, Inc. , a (Name of Assignee)	a corporation (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states that it is: 1. ☑ the assignee of the entire right, title, and interest;	; or
2. ☐ an assignee of less than the entire right, title and The extent (by percentage) of its ownership inter in the patent application/patent identified above by virtu	est is%
A. [r] An assignment from the inventor(s) of the patent in the United States Patent and Trademark Office attached.	application/patent identified above. The assignment was recorded at Reel, Frame, or for which a copy thereof is
OR	
B. [] A chain of title from the inventor(s), of the patent below:	application/patent identified above, to the current assignee as shown
From: The document was recorded in the United Reel, Frame	To: States Patent and Trademark Office at, or for which a copy thereof is attached.
From: The document was recorded in the United	То:
	, or for which a copy thereof is attached.
The document was recorded in the United	To: States Patent and Trademark Office at , or for which a copy thereof is attached.
[] Additional documents in the chain of title a	are listed on a supplemental sheet.
	ent document or a true copy of the original document) dance with 37 CFR Part 3, if the assignment is to be
The undersigned (whose title is supplied below) is auth	orized to act on behalf of the assignee.
9 MAR 04	John W. Wustenberg
Date	Typed or printed name
580.251.3782	John W. Wushendry
Telephone number	Signature
	Attorney Title
	THE

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ASSIGNMENT

Whereas, I/We, Michael L. Connell, of Stephens County, Duncan, Oklahoma and Stephen E. Tilghman, of Stephens County, Marlow, Oklahoma, have invented METHOD AND APPARATUS FOR POSITIONING A DOWNHOLE TOOL for which I have made application for Letters Patent of the United States; and

Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the Patent Application first executed on

March 4, 2004 , submitted concurrently herewith, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefor; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

And I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And I do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

Executed this 8th	_day of March, 2004, at Duncan, Stephens County, Oklahoma U.S.A.
	Michael L. Connell
	Michael L. Connell
State of Oklahoma)) ss
County of Stephens) ss)
Before me personally	appeared said Michael L. Connell and acknowledged the foregoing
instrument to be his free	e act and deed this 8th day of March, 2004.
Seal	Sheela Debbs
•	(Notary Public)
My Commission Expire Commission Number: 0 Executed this4th	
State of Oklahoma)) ss
County of Stephens)
Before me personally	appeared said Stephen E. Tilghman and acknowledged the foregoing act and deed this 4th day of March, 2004.
Seal	Meela Gills (Notary Public)

My Commission Expires: September 13, 2004 Commission Number: 00014119